

California OES Weather Threat Briefing

Monday, December 13, 2021
9:00 AM PST

Day 1 (Monday): Heavy rain, mountain snow, and strong, gusty winds are expected across much of California.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

12/13/21 - 12/19/21

Monday - Sunday

- A significant weather system will continue to bring rain, mountain snow, and gusty winds to much of the state.
 - Snow levels across Northern and Central California will range from 1000-4000 feet, but accumulating snow is possible as low as 1000 feet above sea level by the end of the storm Tuesday, 12/14/2021
 - Moderate to heavy rain and snow are expected for Northern and Central California, with 2-4 inches of rain possible in the valleys and 4-6 feet or more of snow likely in the Sierras
 - Areas of strong, gusty winds of 50-70 mph could lead to tree damage and local power outages. Higher gusts are expected across the Sierra ridges.
 - Low visibility is expected at higher elevations with snow and blowing snow.
 - Across Southern California and north into Monterey County, the heaviest precipitation is expected 12/13/2021 and 12/14/2021, with up to 2-4 inches of rain possible across coastal Southern California, and 3-5 inches of rain in the southern foothills and mountains.
 - Snow is also expected across higher mountains of Southern California, with travel impacts possible. Snow levels will start out around 7000 ft through 12/14/2021, then lower to 4500 ft during the evening of 12/14/2021
 - The heavy rain and snow will raise the threat for flash flooding, river flooding, mudslides/debris flows, and travel hazards across the region.
 - **At this time, the burn scars of most concern are the Alisal, CZU, Dolan and River areas.**
 - **Other burn scar areas to be monitored for impacts include Apple, Bobcat, Dam, Ranch 2, Lake, Palisades, western portions of the Caldor, Creek, Feather River portion of the Dixie, KNP, Windy, and the SQF Complex.**
- Precipitation is expected to end sometime Tuesday night into early Wednesday, but additional storms could move into northern and central portions of the state later Wednesday into Thursday.



CALIFORNIA WEATHER IMPACTS

12/13/21 - 12/19/21

<u>Hazards / Day</u>	MON	TUE	WED	THU	FRI	SAT	SUN
Non-Thunderstorm Damaging Winds	Coastal/ Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland			
Snow	Coastal/ Inland	Coastal/ Inland/ Southern	Coastal/ Inland/ Southern	Coastal/ Inland			
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain/Flash Flooding/ Debris Flow	All Regions	All Regions	Southern				
Cold	Coastal/ Inland						



No Impacts



Minimal Impacts



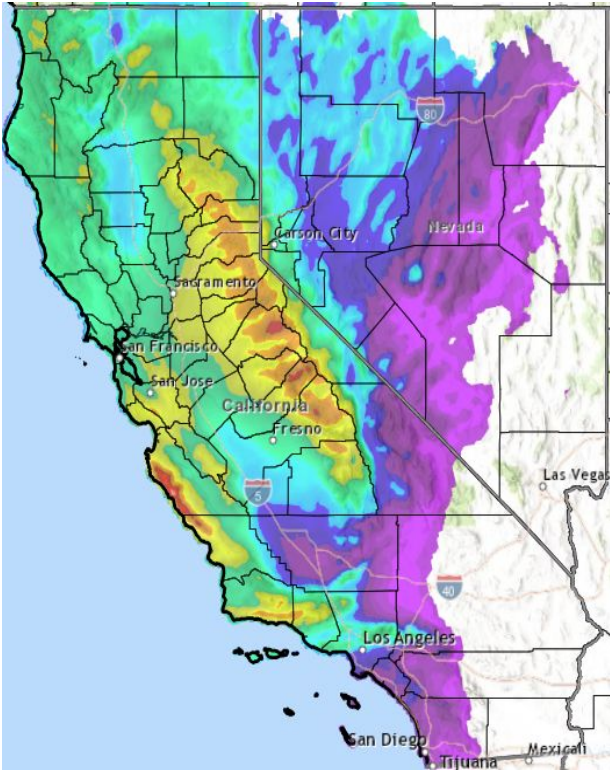
Moderate Impacts



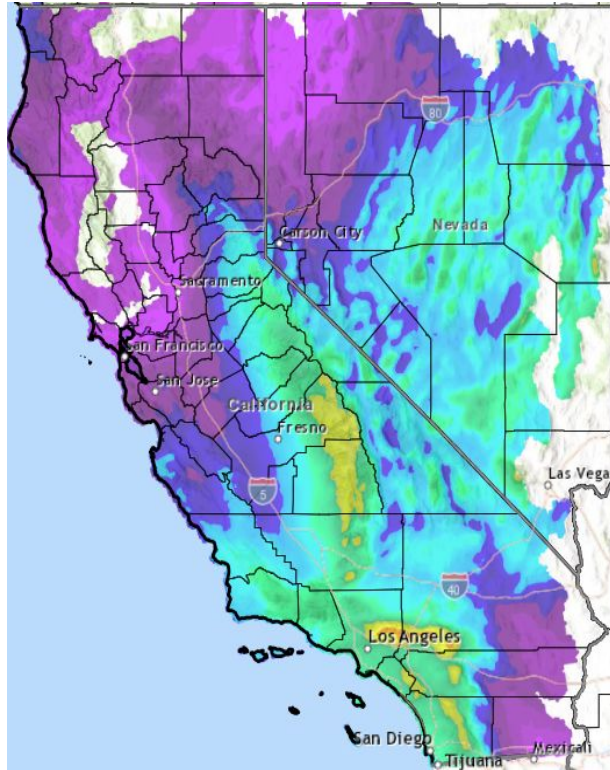
Severe Impacts

PRECIPITATION FORECAST

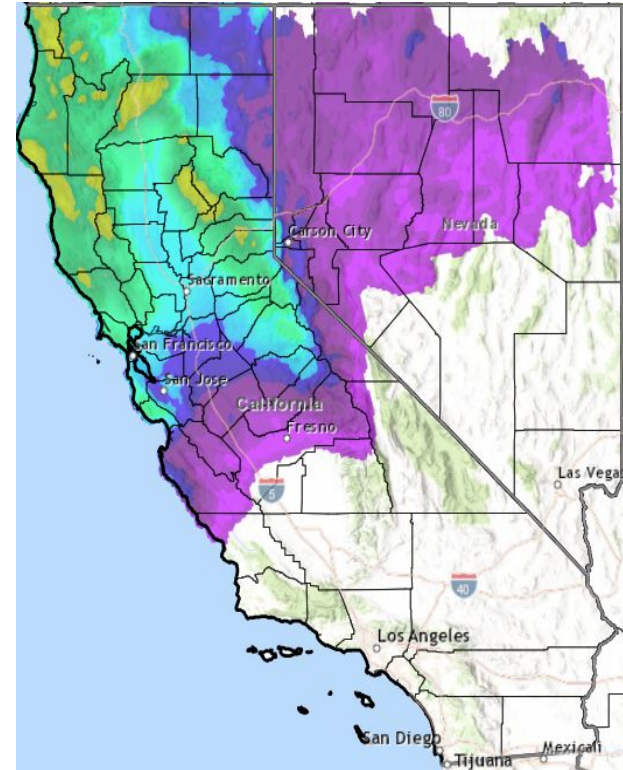
12/13/21 - 12/15/21



Monday



Tuesday



Wednesday

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



PRECIPITATION FORECAST - BURN SCAR AREAS

12/13/21

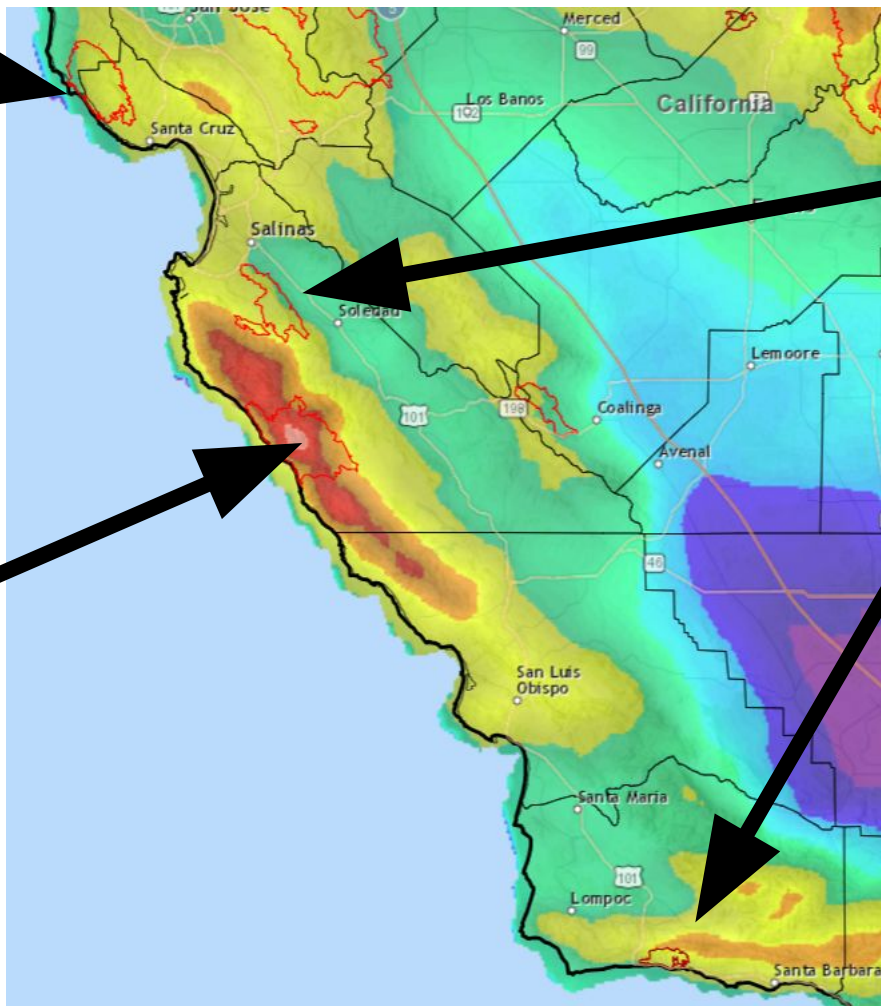
2-3.5" of precipitation is possible across the **CZU burn scar** today.

1.5-3" of precipitation is possible across the **River burn scar** today.

Flash Flood Watch in effect through late Monday night for the **Dolan Burn Scar**.

3-8" of precipitation is possible across the burn scar today.

Flash Flood Watch in effect Monday evening through late Monday night for the **Alisal Burn Scar** area. 3-4" of precipitation is possible across the burn scar today.



Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



WEATHER OUTLOOK

12/18/21 - 12/26/21

6-10 Day Outlook (December 18 – December 22)

Temperatures

- Below normal temperatures are favored statewide

Precipitation

- Above normal precipitation is favored statewide

8-14 Day Outlook (December 20 – December 26)

Temperatures

- Below normal temperatures are favored to continue statewide, except near normal temperatures are favored in far southern California

Precipitation

- Above normal precipitation is favored statewide, especially in central and south-central California



Information provided by:

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